



MINUTES OF BOARD OF STUDIES(BOS) MEETING

DEPARTMENT OF PHYSICS

The Board of studies (BOS) of Physics department is held on 3-8-2019 at 10AM in T& P Cell (Cabin III) of the college to discuss the points present in the agenda. The BOS members attended the meeting and

Considered Item No.2

The Proposed list of the subjects (both Theory and labs) placed on the table for which syllabus is to be finalized was discussed and approved by the members.

Considered Item No.3

The Members of the BOS Physics discussed the Agenda item 3 for the change of the name of Applied Physics to Engineering Physics for ECE Department (Ref: Vide Principal's endorsement letter dated 1-8-2019 and suggested that

- Generally it is proposed to have two different papers of Physics i.e. Engineering Physics (for Civil and mechanical Branches (Non Circuital Branches) and Applied Physics for EEE, ECE, CSE, IT (Circuital Branches) based on applicable topics.
- As per the affiliating university (JNTUK, Kakinada) prescribed course in physics for Circuital Branches is Applied Physics and Non circuital Branches is Engineering Physics.
- Change of title for ECE department students keeping same syllabus of Applied Physics as Engineering Physics is not possible and recommended. If the same title is given for different syllabus papers may lead to confusion among student community.
- The recommendation can be considered in next BOS meeting with new regulation, till then same Nomenclature for ECE Branch will continue.

Considered Item No.4

Draft Copy of Syllabi of I Year B.Tech Applied Physics (Theory), Applied Physics Laboratory (Lab), Engineering Physics (Theory), Engineering Physics (Lab), Open Elective – Nuclear Science and Technology for CE, EEE & ECE branches were discussed, approved and ratified with minor changes.

In Applied physics Theory:

In Unit III -Free Electron Theory and Band theory were suggested to be replaced with Laser and Fiber Optics to benefit students of Circuital Branches with Industry related application topics.

In Unit V-It was suggested to add Magnetic along with Dielectrics to complement with the Basics of Magnetic materials application also.

In Applied Physics laboratory:

It is suggested to use Virtual lab method for at least one experiment from the list of the experiments in the Applied Physics Laboratory.

In Engineering Physics (Theory):

Syllabus is ratified with minor Corrections in the topics

Recommendations from BOS Chairman-Mechanical Engineering vide letter dated 2-8-19 are considered and topics of Crystallography and Magnetic properties are included in Engineering Physics (Theory) –included in agenda as Any other item

In Engineering Physics Laboratory:

It is suggested to use Virtual lab method for at least one or two experiments from the list of the experiments in the Engineering Physics Laboratory to make students aware of computer simulations mechanism (Not Mandatory)

Considered Item No.5

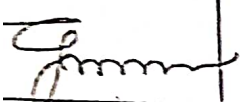
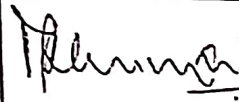
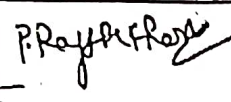
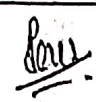
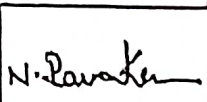
Model Papers of internal and external question papers are ratified with minor suggestions.

Considered Item No.6

Text Books and Reference Books are ratified.

Committee has authorised Chairman, BoS to incorporate Changes suggested in Syllabus books.

Members of BoS

					
G.L. Nagaraju, Assistant Professor CEK, Tijayanagaram, NTUK, Kakinada (University Nominee)	Prof. K. Chandra Mouli Retd. Professor, Andhra University (External member)	Dr. M. Ravi Kumar Prof. of Physics (External member)	Mr. P. Raj Shekhar Phaneendra, Assoc. Prof. & BOS Chairman	Mr. G. Bhaskara Rao, Asst. Prof. (Internal member)	Mr. N. Ramakrishna, Asst. Prof. (Internal member)